



제175호 (1/3)

국제공인시험기관인정서

기 관 명 : 한밭대학교 재료평가연구센터

대 표 자 : 이 원 목

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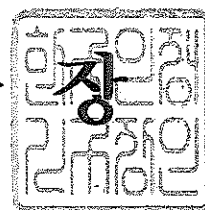
유효 기 간 : 2011년 11월 4일 ~ 2015년 11월 3일

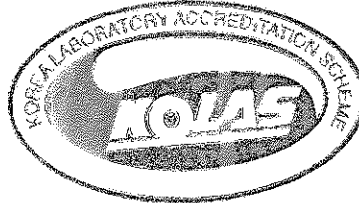
인정분야 및 범위 : 별첨 참조

상기 시험기관을 KS Q ISO/IEC 17025:2006 인정요건 및 국가표준기본법 제23조의 규정에 의거하여 국제공인시험기관으로 인정합니다. 또한 ISO-ILAC-IAF 공동성명(2009.1.8)에 언급된 바와 같이 인정된 분야 및 범위에 대한 기술적 능력과 시험기관 품질경영시스템이 적절함을 인정합니다.

2011년 11월 4일

한 국 인 정 기 구



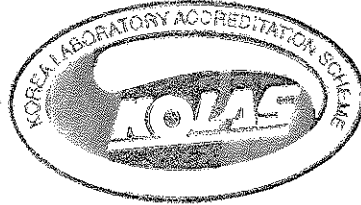


제175호 (2/3)

1. 역학시험

1.001 금속 및 관련제품

규격번호	규격명	시험범위 및 검출한계
ISO 6892-1:2009	Metallic materials - Tensile testing - Part 1 : Method of test at room temperature	(0.3~150) kN, 0.02 kN (30~300) kN, 0.03 kN
ASTM E 8:2009	Standard Test Methods for Tension Testing of Metallic Materials	
ASTM A 370:2011	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	
JIS Z 2241:2011	Metallic materials -- Tensile testing -- Method of test at room temperature	
KS B 0802:2003	금속 재료 인장 시험 방법	
ISO 6506-1:2005	Metallic materials - Brinell hardness test - Part 1 : Test method	(4.904~29.421) kN
ASTM E 10:2010	Standard Test Methods for Brinell hardness of Metallic Materials	
JIS Z 2243:2008	Brinell hardness test - Test method	
KS B 0805:2000	금속 재료의 브리넬 경도 시험 방법	
ISO 6508-1:2005	Metallic materials - Rockwell hardness test - Part 1 : Test method	A, B, C, N, T scale
ASTM E 18:2008	Standard Test Methods for Rockwell hardness of metallic materials	
JIS Z 2245:2011	Rockwell hardness test - Test method	
KS B 0806:2000	금속 재료의 로크웰 경도 시험 방법	
ISO 6507-1:2005	Metallic materials - Vickers hardness test - Part 1 : Test method	(9.807~490.3) N (98.07~9 807) mN
ASTM E 384:2010	Standard test method for Knoop and Vickers hardness of materials	
JIS Z 2244:2009	Vickers hardness test - Test method	
KS B 0811:2003	금속 재료의 비커스 경도 시험 방법	



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1. 역학시험

1.001 금속 및 관련제품

규격번호	규격명	시험범위 및 검출한계
ISO 148-1:2009	Metallic materials - Charpy pendulum impact test - Part 1 : Test method	300 J, 450 J
ASTM E 23:2007	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	
JIS Z 2242:2005	Method for Charpy pendulum impact test of metallic materials	
KS B 0810:2003	금속 재료 충격 시험 방법	

끝.



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CERTIFICATE OF ACCREDITATION

Name of Laboratory : Hanbat National University
Research Center for Materials Evaluation

Representative : Lee Won-mook

Address of Headquarters : 125, Dongsuh-Blvd, Yuseong-gu, Daejeon, 305-719 Korea

Address of Laboratory : 125, Dongsuh-Blvd, Yuseong-gu, Daejeon, 305-719 Korea

Duration : November 4, 2011 ~ November 3, 2015

Scope of Accreditation

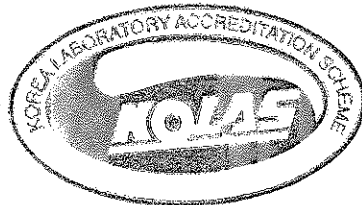
(Scope of Accreditation is described in the accompanying Annex)

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025 : 2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated 8 January 2009).

Nov. 4, 2011

Administrator,

Korea Laboratory Accreditation Scheme(KOLAS)

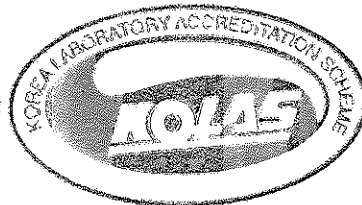


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1. Dynamics Test

1.001 Metal and Relation Products

Test method	Standard designation	Test range or Limits of detection
ISO 6892-1:2009	Metallic materials - Tensile testing - Part 1 : Method of test at room temperature	(0.3~150) kN, 0.02 kN (30~300) kN, 0.03 kN
ASTM E 8:2009	Standard Test Methods for Tension Testing of Metallic Materials	
ASTM A 370:2011	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	
JIS Z 2241:2011	Metallic materials -- Tensile testing -- Method of test at room temperature	
KS B 0802:2003	Method of tensile test for metallic materials	
ISO 6506-1:2005	Metallic materials - Brinell hardness test - Part 1 : Test method	(4.904~29.421) kN
ASTM E 10:2010	Standard Test Methods for Brinell hardness of Metallic Materials	
JIS Z 2243:2008	Brinell hardness test - Test method	
KS B 0805:2000	Metallic materials - Test method of Brinell hardness	
ISO 6508-1:2005	Metallic materials - Rockwell hardness test - Part 1 : Test method	A, B, C, N, T scale
ASTM E 18:2008	Standard Test Methods for Rockwell hardness of metallic materials	
JIS Z 2245:2011	Rockwell hardness test - Test method	
KS B 0806:2000	Metallic materials - Test method of Rockwell hardness	
ISO 6507-1:2005	Metallic materials - Vickers hardness test - Part 1 : Test method	(9.807~490.3) N (98.07~9 807) mN
ASTM E 384:2010	Standard test method for Knoop and Vickersl hardness of materials	
JIS Z 2244:2009	Vickers hardness test - Test method	
KS B 0811:2003	Metallic materials - Test method of Vickersl hardness	



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1. Dynamics Test

1.001 Metal and Relation Products

Test method	Standard designation	Test range or Limits of detection
ISO 148-1:2009	Metallic materials - Charpy pendulum impact test - Part 1 : Test method	300 J, 450 J
ASTM E 23:2007	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	
JIS Z 2242:2005	Method for Charpy pendulum impact test of metallic materials	
KS B 0810:2003	Method of impact test for metallic materials	

End.